

DERWENT-ACC-NO: 1992-395348

DERWENT-WEEK: 199248

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TITLE: Antiallergic and antiinflammatory agent for  
oral or  
effective parenteral admin. - comprises hesperidin as  
ingredient

PATENT-ASSIGNEE: DAIICHI PHARM CO LTD[DAUC]

PRIORITY-DATA: 1991JP-0081169 (March 22, 1991)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
PAGES MAIN-IPC		
JP 04295428 A	October 20, 1992	N/A
002 A61K 031/70		

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
<u>APPL-DATE</u> JP 04295428A	N/A	1991JP-0081169
March 22, 1991		

INT-CL (IPC): A61K031/70, C07H017/07

ABSTRACTED-PUB-NO: JP 04295428A

BASIC-ABSTRACT:

Antiallergic agent comprises hesperidin as an effective ingredient.  
An  
anti-inflammatory agent also comprises hesperidin as an effective  
ingredient.

This substance is prepd. with additives to form tablets, capsules,  
injections,  
ointment, pap, lotion, etc..

USE/ADVANTAGE - Hesperidin is pharmaceutically useful for treatments  
of  
allergic diseases and inflammations. It can be orally administered  
at 25-500  
mg/day/an adult, and also parenterally administered at an appropriate

amt..

In an example, the effect of hesperidin against 48-hr. homologous PCA reaction was evaluated by orally administering hesperidin to rats, injecting anti-EWA rat serum at 0.05 ml/rat in 1 hr., intravenously administering blue saline contg. EWA (antigen) at 0.5 ml/rat in 48 hrs., bleeding them for 30 mins., and measuring the amt. of blue stain contained. For control, Na CMC soln. was administered. The result was that hesperidin inhibited the amt. of blue stain in a dose-related manner. Specifically, 36.8% inhibition was found for 0.1 mM/kg administration gp..

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: ANTIALLERGIC ANTIINFLAMMATORY AGENT ORAL PARENTERAL ADMINISTER

COMPRISE HESPERIDIN EFFECT INGREDIENT

DERWENT-CLASS: B02

CPI-CODES: B06-A01; B12-D02; B12-D07;

CHEMICAL-CODES:

Chemical Indexing M2 \*01\*

Fragmentation Code

D013 D023 D120 F012 F013 F014 F015 F016 F019 F123

F199 G015 G100 H4 H405 H424 H442 H5 H522 H541

H8 J5 J521 K0 L8 L814 L817 L822 L831 M1

M113 M125 M141 M210 M211 M240 M272 M281 M311 M321

M342 M373 M391 M412 M511 M522 M531 M540 M781 M903

M904 M910 P420 P431

Specific Compounds

01318U

Registry Numbers

92407

UNLINKED-DERWENT-REGISTRY-NUMBERS: 1318U

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1992-175558